

**Request to Archive
With The National Centers for Environmental Information
For NOAA-19, METOP A Satellite Data From The Naval Oceanographic Office
Provided by NAVOCEANO**

2015-09-18

This information will be used by NCEI to conduct an appraisal and make a decision on the request.

1. Who is the primary point of contact for this request?

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Software Engineering Support Branch Chief
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2. Name the organization or group responsible for creating the dataset.

The Naval Oceanographic Office

3. Provide an overview summarizing the scope of data you want to archive. Describe the outputs, data variables, including their measurement resolution and coverage.

NESDIS provides us the 6 hourly NOAA-19 and METOP-A satellite data currently for OISST operation.
But NESDIS will stop providing the data from November 2, 2015.
We plan to get the same data from Naval Oceanographic Office as soon as possible.

NOAA-19 and METOP-A GAC data
Global Area Coverage data.
The resolution of the SST data is 8.8km.

4. What is the time period covered by the dataset? (YYYY-MM-DD, YYYY-MM or YYYY)

From 2009
Ongoing as continuous updates to the data record

5. Edition or version number(s) of the dataset:

Version 1.0

6. Approximate date when the dataset was or will be released to the public:

2009-05

7. Who are the expected users of the archived data? How will the archived data be used?

OISST operation group at NOAA/NCDC.
The data will be used daily as input to OISST operation.

8. Has the dataset undergone user evaluation and/or an independent review process? Did NCEI participate in design reviews?

The data was compared with the data from NESDIS. The results are the same.

NCEI did not participate in design reviews.

9. Describe the dataset's relationship to other archived datasets, such as earlier versions or related source data. If this is a new version, how does it improve upon the previous version(s)?

8 day satellite data achieved at NCDC include the daily NAVY satellite data.

OISST need the one day delay satellite data.

10. List the input datasets and ancillary information used to produce the data.

- level 1b AVHRR data sets provided by NOAA/NESDIS,
- level 1b HIRS data sets provided by NOAA/NESDIS,
- a 10km analyzed SST field,
- a 100km analyzed SST field,
- NAAPS aerosol forecast data
- climatological SST data (based mainly on Reynolds)

11. List web pages and other links that provide information on the data.

[http://podaac.jpl.nasa.gov/dataset/NAVO-L2P-](http://podaac.jpl.nasa.gov/dataset/NAVO-L2P-AVHRR19_G?ids=Measurement:Sensor:ProcessingLevel&values=Ocean)

[AVHRR19_G?ids=Measurement:Sensor:ProcessingLevel&values=Ocean](http://podaac.jpl.nasa.gov/dataset/NAVO-L2P-AVHRR19_G?ids=Measurement:Sensor:ProcessingLevel&values=Ocean)

12. List the kinds of documents, metadata and code that are available for archiving. For example, data format specifications, user guides, algorithm documentation, metadata compliant with a standard such as ISO 19115, source code, platform/instrument metadata, data/process flow diagrams, etc.

1. Data format specifications.

13. Indicate the data file format(s).

1. "temp file" format

14. Are the data files compressed?

No

15. Provide details on how the files are named and how they are organized (e.g., file_name_pattern_YYYYMM.tar in monthly aggregations).

mcsst_n19_dyyyymmdd_smmhhss_emmhhss_b2953031_cnavo.tmp

mcsst_mta_dyyyymmdd_smmhhss_emmhhss_b4174445_cnavo.tmp

16. Explain how to access sample data files and/or a file listing for previewing. If it is not available now, when will it be available?

Sample data have already been provided.

pulled the sample files from the provider's site.

17. What is the total data volume to be submitted?

Continuous Data: data volume rate for a continuous data production.

Total Data Volume Rate: 84MB per Day

Data File Frequency: 28 per Day

Data Production Start: 2015-10-01

18. Are later updates, revisions or replacement files anticipated? If so, explain the conditions for submitting these additional data to the archive.

No additional updates, revisions or replacement data are anticipated.

19. Describe the server that will connect to the ingest server at NCEI for submitting the data.

Physical Location: 1002 Balch Boulevard, Stennis Space Center, MS 39522-5001

System Name: <https://safe.amrdec.army.mil>

System Owner: Naval Oceanographic Office

Additional Information:

20. What are the possible methods for submitting the data to NCEI? Select all that apply.

- 1. FTP PULL
- 2. FTP PUSH
- 3. SFTP PUSH

21. Identify how you would like NCEI to distribute the data. Web access support depends on the resources available for the dataset.

- 1. Unknown

22. Will there be any distribution, usage, or other restrictions that apply to the data in the archive?

No known constraints apply to the data.

23. Discuss the rationale for archiving the dataset and the anticipated benefits. Mention any risks associated with not archiving the dataset at NCEI.

This data set is one of the inputs for an operational CDR: OISST.

The current data provider plans to discontinue providing the data from Nov. 2, 2015.

Archiving this data set provides provenance for the CDR.

24. Are the data archived at another facility or are there plans to do so? Please explain.

Naval Oceanographic Office archive these data locally at NAVO, but in a different format.

25. Is there an existing agreement or requirement driving this request to archive? Have you already contacted someone at NCEI?

OISST operation needs all the input data sets to be archived.

26. Do you have a data management plan for your data?

No

27. Have funds been allocated to archive the data at NCEI?

No

28. Identify the affiliated research project, its sponsor, and any project/grant ID as applicable.

N/A

29. Is there a desired deadline for NCEI to archive and provide access to the data?

Archive by: 2015-10-09

Accessible by: 2015-10-09

30. Add any other pertinent information for this request.

None